



Department of Information Technology  
City of Frisco, Texas

## Memorandum

**To:** Mayor and City Council

**From:** Tim Yarbrough, Enterprise Technology Manager

**CC:** Curt Balogh, Director of IT; Ron Patterson, Assistant City Manager

**Date:** August 11<sup>th</sup>, 2008

**Re:** Interlocal agreement between City of Frisco and Frisco Independent School District for a Public Safety Pre Plan Project

---

### Action Requested:

The Information Technology Department in cooperation with Police and Fire services is requesting the approval of an Interlocal agreement between the City of Frisco and Frisco Independent School District where the City of Frisco will provide software and services for the enhancement of an emergency preplanning solution.

### Background Information:

Currently, complete site specific information is updated and maintained in three different software systems: ICS, Firehouse and GIS. Paper processes exist for inspection results, floor plans and FISD safety plans. The purpose of this project is to aggregate all this information into a single graphical interface allowing users to click through and view site information in a hierarchical map view with layers of standardized data. Overall project objectives are to provide increased functionality in vehicle and EOC GIS maps, decrease time spent preparing for an incident en route and increase information availability during an emergency situation, improve communication between the Frisco Independent School District and Public Safety Departments and allow for easier exchange of information, standardize the procedures for information gathering as it pertains to school buildings and decrease the chance of missing or incorrect site information related to Public Safety.

### Alternatives:

The City Council could consider the following alternatives:

- Table the Resolution.
- Not pass the Resolution.
- Direct staff to make changes or modifications as directed.

**Financial Considerations:**

Frisco Independent School District will pay \$440,000 for the initial project implementation and upon completion of the Implementation Phase in 2009, Frisco Independent School District shall pay to City of Frisco one-half (1/2) of the yearly ongoing maintenance costs. Total yearly ongoing maintenance costs are estimated at \$126,000 for hardware, software and personnel of the Project on October 1, 2010 and October 1, 2011.

**Legal Review:**

Exhibit C – Email from legal regarding legal review

**Supporting Documents:**

Exhibit A - Interlocal agreement between the City of Frisco and Frisco Independent School District

ILA Exhibit A – Project Scope of Work

ILA Exhibit B – Project Expense Schedule

**Staff Recommendation:**

Staff recommends passage

CITY OF FRISCO, TEXAS

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF FRISCO, TEXAS  
HEREBY AUTHORIZING THE CITY MANAGER OF THE CITY OF FRISCO, TEXAS  
TO EXECUTE AN INTERLOCAL AGREEMENT BY AND BETWEEN THE CITY OF  
FRISCO AND FRISCO INDEPENDENT SCHOOL DISTRICT FOR THE  
DEVELOPMENT OF A COLLABORATIVE TOOL TO PROVIDE, AMONG OTHER  
THINGS, INTERACTIVE EMERGENCY PRE PLAN INFORMATION IN THE EVENT  
OF A SCHOOL EMERGENCY.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF  
FRISCO, TEXAS:

SECTION 1: The City Manager of the City of Frisco, Texas, is hereby  
authorized to execute, on behalf of the City Council of the City of Frisco, Texas, an  
Interlocal Agreement by and between the City of Frisco and Frisco Independent  
School District for the development of a collaborative tool to provide, among other  
things, interactive emergency pre plan information in the event of a school  
emergency, a copy of which is attached hereto as Exhibit "A" and incorporated  
herein for all purposes.

SECTION 2: This Resolution shall take effect immediately upon its passage.

RESOLVED THIS the \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Maher Maso, Mayor

ATTEST TO:

\_\_\_\_\_  
Interim City Secretary

**INTERLOCAL AGREEMENT BY AND BETWEEN THE CITY OF FRISCO, TEXAS  
AND THE FRISCO INDEPENDENT SCHOOL DISTRICT**  
**(Public Safety Pre Plan Project)**

THIS AGREEMENT ("Agreement"), made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2008, by and between the City of Frisco, Texas ("Frisco"), a municipal corporation, and the Frisco Independent School District ("Frisco ISD"), a political subdivision of the state of Texas.

WHEREAS, Frisco and the Frisco ISD have investigated and determined that it would be advantageous and beneficial to Frisco ISD and Frisco to provide a collaborative tool to provide, among other things, interactive pre-plan information, photographs, video feeds, school disaster recovery plans and Geographic Information System ("GIS") maps in the event of a school emergency; and

WHEREAS, Frisco and Frisco ISD have investigated and determined that there is a need for a comprehensive graphical interface that includes the different software systems and paper processes currently utilized by Frisco and Frisco ISD; and

WHEREAS, the Frisco Police, Fire and Information Technology Departments have been working in cooperation with the Frisco ISD to develop a Public Safety Pre-Plan Project ("Project") that addresses these concerns; and

WHEREAS, the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code ("Act"), provides the authority to political subdivisions to contract with each other to facilitate the governmental functions and services of Frisco and Frisco ISD under the terms of the Act.

NOW, THEREFORE, in consideration of the covenants and conditions contained in this Agreement, Frisco and the Frisco ISD agree as follows:

**ARTICLE I**

**Purpose**

The purpose of this Agreement is to provide a collaborative tool through implementation of the Project to offer, among other things, interactive pre-plan information, photographs, video feeds, school disaster recovery plans and GIS maps in the event of a school emergency.

**ARTICLE II**

**Term/Termination**

The initial term of this Agreement shall be for a period of four (4) years ("Initial Term") commencing upon the last date of execution hereof ("Effective Date"). Thereafter, Frisco and Frisco ISD may mutually agree to renew this Agreement for five (5) additional one (1) year

terms, by providing each other ninety (90) days written notice to Frisco ISD before the end of the Initial Term or subsequent term, as applicable.

Otherwise, this Agreement shall terminate upon the earlier of the expiration of the term hereof or for any reason upon sixty (60) days written notice by either party. Upon the termination of this Agreement, Frisco shall remain the sole owner of the Project, including but not limited to, all hardware and/or software related to the Project. Any fees or costs owed and outstanding upon the termination hereof, shall be prorated and paid accordingly.

### ARTICLE III

#### **Compensation**

Frisco ISD shall pay to Frisco the sum of two hundred twenty thousand dollars (\$220,000.00) upon the Effective Date of this Agreement for the initial hardware and software implementation and associated personnel costs ("Implementation Costs") of the Project. Thereafter, Frisco ISD shall pay to Frisco two (2) estimated payments of one hundred ten thousand dollars (\$110,000.00), totaling two hundred twenty thousand dollars (\$220,000.00) ("Implementation Costs"), the first on October 1, 2008 and the second on April 1, 2009 for the continued Implementation Costs associated with the Project. In the event the *actual* costs associated with the Implementation exceed the Estimated Implementation Costs, then Frisco ISD agrees to pay any such additional, actual costs to Frisco upon thirty (30) days written notice provided that the additional actual costs have been identified by Frisco during monthly project reporting and agreed to by the designated FISC representative. The implementation phase ("Implementation Phase") of the Project is expected to be completed on or about September 1, 2009.

Upon completion of the Implementation Phase, Frisco ISD shall pay to Frisco one-half (1/2) of the yearly ongoing maintenance costs for hardware, software and personnel ("Ongoing Costs") of the Project on October 1, 2010 and October 1, 2011. The Ongoing Costs are estimated in the Project Expense Schedule, attached hereto as Exhibit "B" and incorporated herein for all purposes, and identified as "FY 10" and "FY 11" ("Estimated Ongoing Costs"). In the event the *actual* Ongoing Costs exceed the Estimated Ongoing Costs, then Frisco ISD agrees to pay any such additional, actual costs to Frisco upon thirty (30) days written notice provided that the Frisco ISD through their designated representative has reviewed and acknowledged the need for the additional expense and provided, however, upon completion of the Implementation Phase, Frisco agrees to pay one-half (1/2) of the Ongoing Costs for FY 10 and FY 11, in accordance with the Project Expense Schedule. Frisco shall, at all times, be the sole owner of the Project, including but not limited to all hardware and/or software related to the Project.

The parties represent and covenant that their respective financial obligations and liability arising herein shall constitute operating expenses of the parties payable from funds annually budgeted and appropriated therefore.

#### ARTICLE IV

##### **Obligations of Frisco ISD**

Frisco ISD agrees to abide by the Roles and Responsibilities outlined in the Project Scope of Work, attached hereto as Exhibit "A" and incorporated herein for all purposes.

Frisco ISD shall designate a representative(s) as the point of contact for coordination and reporting purposes related to the Project. It shall be the duty of Frisco ISD to inform Frisco, in writing, of the current emergency contacts for each school campus and Frisco ISD owned property. It shall not be the responsibility of Frisco to identify or input the emergency contacts for the Project.

#### ARTICLE V

##### **Obligations of Frisco**

Frisco agrees to abide by the Roles and Responsibilities outlined in the Project Scope of Work, attached hereto as Exhibit "A". Frisco shall provide monthly progress and expenditure reports to Frisco ISD during the Implementation Phase of the Project.

Frisco shall designate a representative(s) as the point of contact for coordination and reporting purposes related to the Project. Frisco shall grant Frisco ISD authority to create and update emergency contact information on an as needed basis.

#### ARTICLE VI

##### **Miscellaneous**

- a) Notice. Any notice required or permitted to be delivered hereunder shall be deemed to be delivered, whether or not actually received, when deposited in the United States Mail, postage pre-paid, certified mail, return receipt requested, addressed to either party, as the case may be, at the addresses contained below:

Frisco: City of Frisco  
Attn: City Manager  
6101 Frisco Square Blvd.  
Frisco, Texas 75034

Frisco ISD: Frisco ISD  
Attn: Superintendent  
6942 Maple Street  
Frisco, Texas 75034

- b) Assignment. This Agreement is not assignable without the prior written consent of either party.
- c) Entire Agreement. This Agreement contains the entire agreement of the parties with respect to the matters contained herein and may not be modified or terminated except upon the provisions hereof or by the mutual written agreement of the parties hereto.
- d) Venue. This Agreement shall be construed in accordance with the laws of the State of Texas and shall be performable in Collin County, Texas.
- e) Consideration. This Agreement is executed by the parties hereto without coercion or duress and for substantial consideration, the sufficiency of which is forever confessed.
- f) Counterparts. This Agreement may be executed in a number of identical counterparts, each of which shall be deemed an original for all purposes.
- g) Authority to Execute. The individuals executing this Agreement on behalf of the respective parties below represent to each other and to others that all appropriate and necessary action has been taken to authorize the individual who is executing this Agreement to do so for and on behalf of the party for which his or her signature appears, that there are no other parties or entities required to execute this Agreement in order for the same to be an authorized and binding agreement on the party for whom the individual is signing this Agreement and that each individual affixing his or her signature hereto is authorized to do so, and such authorization is valid and effective on the date hereof.
- h) Savings/Severability. In case any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision thereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.
- i) Representations. Each signatory represents this Agreement has been read by the party for which this Agreement is executed and that such party has had an opportunity to confer with its counsel.
- j) Miscellaneous Drafting Provisions. This Agreement shall be deemed drafted equally by all parties hereto. The language of all parts of this Agreement shall be construed as a whole according to its fair meaning, and any presumption or principle that the language herein is to be construed against any party shall not apply. Headings in this Agreement are for the convenience of the parties and are not intended to be used in construing this document.
- k) No Third Party Beneficiaries. Nothing in this Agreement shall confer upon any person other than the parties and their respective successors or assigns, any rights, remedies, obligations, or liabilities whatsoever.

- l) Pursuit of a Governmental Function. Both Frisco and the Frisco ISD have determined by their execution of this Agreement that this Agreement and the obligations of the parties contained herein are in discharge of a governmental function as set forth in the Interlocal Cooperation, Chapter 791, Texas Government Code, and the participation by either party in the terms of this Agreement shall not make such party an agent or representative of the other party.
- m) Force Majeure. Neither Frisco nor Frisco ISD shall be required to perform any term, condition, or covenant in the Agreement so long as performance is delayed or prevented by force majeure, which shall mean acts of God, strikes, lockouts, material or labor restrictions by any governmental authority, civil riots, floods, and any other cause not reasonably within the control of City or FISC and which by the exercise of due diligence City or FISC is unable, wholly or in part, to prevent or overcome.
- n) Sovereign Immunity. The Parties agree that neither Frisco nor Frisco ISD has waived their sovereign immunity by entering into and performing their obligations under this Agreement, except as to Chapter 271, Subchapter 1 of the Local Government Code.
- o) Binding Agreement. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns. No third party shall have any rights herein.

IN WITNESS WHEREOF, the parties have executed this Agreement and caused this Agreement to be effective on the latest date as reflected by the signatures below.

THE CITY OF FRISCO, TEXAS

By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Title: \_\_\_\_\_

THE FRISCO INDEPENDENT SCHOOL DISTRICT

By: Richard Wilkinson Date: 8-11-08  
 Name: Richard Wilkinson  
 Title: Assistant Superintendent

STATE OF TEXAS \*  
COUNTY OF COUNTY \*

BEFORE ME, the undersigned authority, on this day personally appeared \_\_\_\_\_ known to me to be one of the persons whose names are subscribed to the foregoing instrument; he/she acknowledged to me he/she is the duly authorized representative for the CITY OF FRISCO, TEXAS, and he/she executed said instrument for the purposes and consideration therein expressed.

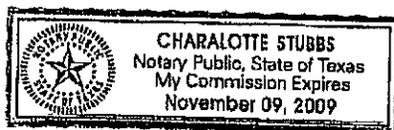
GIVEN UNDER MY HAND AND SEAL OF OFFICE this \_\_\_\_ day of \_\_\_\_\_ 2008.

\_\_\_\_\_  
Notary Public in and for the  
State of Texas  
My Commission Expires:  
\_\_\_\_\_

STATE OF TEXAS \*  
COUNTY OF COLLIN \*

BEFORE ME, the undersigned authority, on this day personally appeared Richard Wilkinson, known to me to be one of the persons whose names are subscribed to the foregoing instrument; he/she acknowledged to me he/she is the duly authorized representative for the FRISCO INDEPENDENT SCHOOL DISTRICT, and he/she executed said instrument for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 11 day of August 2008.



Charlotte Stubbs  
Notary Public in and for the  
State of Texas  
My Commission Expires:  
11-9-09



## Exhibit "A" PART 1 – PROJECT SCOPE

### Statement of Purpose

The Frisco Independent School District (FISD) in cooperation with the City of Frisco Police, Fire and Information Technology (IT) Departments seek to build a collaborative tool to provide interactive pre-plan information, photographs, video feeds, school emergency response plans and GIS maps in the event of a school emergency.

Currently, complete school site specific information is updated and maintained in three different software systems: ICS, Firehouse and GIS. Paper processes exist for inspection results, floor plans and FISD safety plans. The purpose of this project is to aggregate all this information into a single graphical interface allowing users to click through and view site information in a hierarchical map view with layers of standardized data.

Maintenance of the Police & Fire software information would remain in the existing systems. Information maintained outside of public safety software should be accessible for update by any user with security access including school district representatives.

### Objectives

- Provide increased functionality in vehicle and EOC GIS maps.
- Decrease time spent preparing for an incident en route and increase information availability during an emergency situation.
- Improve communication between the ISD and Public Safety Departments and allow for easier exchange of information.
- Standardize the procedures for information gathering as it pertains to school and commercial buildings.
- Decrease the chance of missing or incorrect site information related to Public Safety.

### Business Requirements

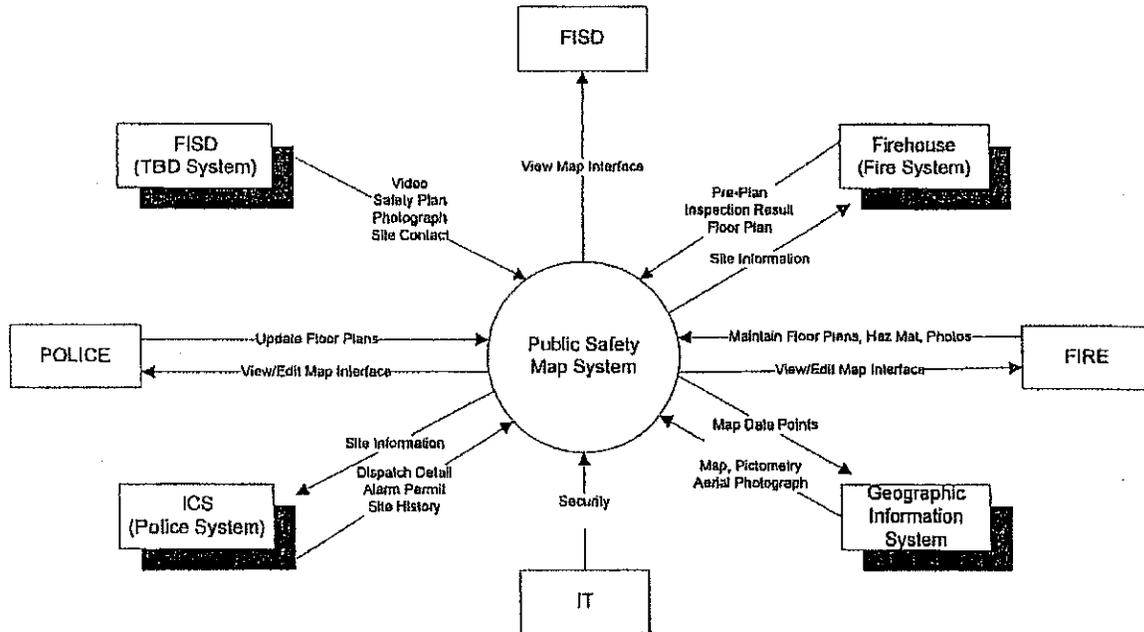
1. Upgrade existing GIS mapping capabilities to link Police, Fire and ISD data into a central, map based interface.
2. Provide enhanced Floor Plan information in a standardized format to include layers of information specific to the viewer.
3. Develop method for the FISD to create, organize and maintain required Public Safety Site Information for use by the proposed system.
4. Display Automated Vehicle Location (AVL) technology on map interface.
5. Provide graphical and textual routing instructions to the site.



# Public Safety Map Project Requirements



Figure 1: Proposed Information Flow Diagram



## Items Out of Scope of the initial Phase 1, estimated completion 9/2009.

The following items will not be included in the initial phase of this project. These may be included in future versions of the software system.

1. Schools that operate in the City of Frisco but are not part of the FISD.
2. FISD schools not located in the City of Frisco.
3. Integration of existing systems outside of the Public Safety Map System. Ex: Firehouse integrating directly with ICS.
4. School Safety Plan information not directly pertaining to the Public Safety requirements for the Map Tool.
5. City of Frisco commercial buildings not related to the FISD.



## Public Safety Map Project Requirements



### Roles and Responsibilities

See the chart below for a list of responsibilities tied to the Public Safety Map System.

Individual or Group	Public Safety Map System Responsibility
Fire Department	Create Initial Site Record. Create/Maintain any Pre-Plan Information. Create/Maintain Fire Inspection Information. Create/Maintain information stored in Firehouse. Create/Maintain Floor Plans. (Undetermined level of Effort). Create/Maintain Photographs. Approve/Post FISD Information. Participate in regular training exercises.
Police Department	Create/Maintain information stored in ICS. Update Floor Plans (tactical information only). Create/Maintain Photographs (tactical information only). Participate in regular training exercises.
Information Technology GIS and Application Support Divisions	Create/Maintain System Users. Maintain Database(s). Create/Maintain Floor Plans (Undetermined Level of Effort). Provide support to FISD liaison. Provide support to Fire and Police departments. Create/Maintain GIS Maps. Maintain Pictometry. Maintain Aerial Photographs. Participate in regular training exercises.
Frisco Independent School District	Create/Maintain Safety Plan. Create/Maintain Site Contacts. Create/Maintain Video Steaming Material. Provide Floor Plans (new, existing sites, changes to sites). Provide first level of support for FISD users. Participate in regular training exercises.



## Public Safety Map Project Requirements



### Statement of Risk

Business Risk	Impact	Risk Response	Probability
Existing systems will not integrate properly.	High	Mitigate: Involve vendors early in the project to allow for cooperative development.	Medium
Information is not created or maintained properly.	High	Mitigate: Clearly document procedures and build check points into the process.	Low
Task owners do not turn in complete deliverables or deadlines are not met.	Medium	Mitigate: Appoint a project manager to oversee that tasks are completed. Provide clear direction and responsibility.	Low
Current staff cannot support the application and maintain future growth once it is ready for use in a live environment.	High	Avoid: Plan staffing levels to accommodate support needs during the implementation phase.	High
Funding is not available to purchase third party solutions.	High	Avoid: Clearly research cost before implementation to avoid surprises and obtain budget. If costs increase, change scope to accommodate the available funds.	Medium
Limited personnel resources and over-commitment of key personnel throughout the project.	High	Mitigate: Review existing projects that impact key personnel and if necessary, bring in additional resources from other internal departments or temporary employees to minimize the impact. Designate back up personnel.	High



## Public Safety Map Project Requirements



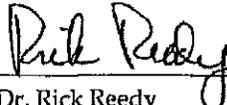
The following signatures represent the understanding and acceptance of the Project Scope for the Public Safety Map Project as described within this document:

### EXECUTIVE SPONSORS

City of Frisco Signature \_\_\_\_\_ Date \_\_\_\_\_

George Purefoy/Ron Patterson

Frisco ISD Signature \_\_\_\_\_ Date 8/4/08

  
Dr. Rick Reedy

### PROJECT STAKEHOLDERS

Frisco Police Dept Signature \_\_\_\_\_ Date \_\_\_\_\_

Greg Ward

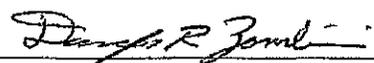
Frisco Fire Dept Signature \_\_\_\_\_ Date \_\_\_\_\_

Mack Borchardt

Frisco IT Dept Signature \_\_\_\_\_ Date \_\_\_\_\_

Curt Balogh

Frisco ISD Signature \_\_\_\_\_ Date 8-4-08

  
Doug Zambiasi



**PART 2 – REQUIREMENTS DETAIL**

Each proposer must indicate their ability to provide a system which meets or exceeds each defined requirement by indicating a Response according to the chart below.

<b>Response</b>	<b>Notes</b>
Available Currently (AC)	Notes are optional unless otherwise indicated in the Description.
Future Release (FR)	Specify future version and timing.
Third Party Provider (3P)	Include third party details in Notes and cost if available.
Not Available (NA)	Provide clarification.

Indicate in the Available column whether it is available in a LAN connected Emergency Operations Center (EOC), Vehicle using Air Card (VEH) or Both (BOTH).

**1 - GIS Map Interface Functional Requirements**

No.	Description	Response	Available	Notes
1.1	Provide method to display textual dispatch call information from ICS. List the fields that are available out of the box.			
1.2	Display Automatic Vehicle Location (AVL) information on other vehicles being routed to the scene.			
1.3	Display graphical route to the site based on City GIS data.			
1.4	Display routing information to the site based on City GIS data.			
1.5	Display aerial photograph with customizable icons on GIS layers above the map.			
1.6	Display pictometry with ability to rotate the image from each of the four cardinal directions (EWNS).			
1.7	Display pictometry with ability to take measurements over the images (distance, area, height).			
1.8	Provide method to link a custom icon to the map that will open a building floor plan (pdf).			
1.9	Provide method to display pre-plan information from Firehouse. List the fields that are available out of the box.			
1.10	Provide method to display Site Contact information from Microsoft Sharepoint 2007. List fields that are available out of the box.			
1.11	Provide method to access Microsoft Sharepoint 2007 Document Library Files (*.pdf, *.doc, *.xls)			
1.12	Provide method to create a plume diagram.			
1.13	Provide method to click on a custom icon and view a video streaming website.			
1.14	Provide method to mark up map or floorplan with "pen" or shapes and publish.			
1.15	Provide method to update text in the system and publish. Include in Notes if there are limitations to the text fields.			
1.16	System utilizes touch screen functionality and large labels, buttons and controls to facilitate quick navigation.			



## Public Safety Map Project Requirements

1.17	System utilizes tabs and layers to prevent screens from becoming too cluttered.			
1.18	System provides method to navigate back to the previous screen.			
1.19	System provides method to print the current screen view.			
1.20	System provides method to print a complete image of the map or floor plan.			
1.21	System allows the user to zoom in and out of the map or photograph by dragging a square over the area or clicking a button.			
1.22	System shows a compass indicating North on all maps.			
1.23	System provides capability to customize the legend.			

### 2 - Technical Requirements

No.	Description	Available	Notes
2.1	System integrates with Active Directory.		
2.2	System allows for setup of users with read, write and delete access.		
2.3	System creates audit records of changes made to the system.		
2.4	System controls permission to delete audit records.		
2.5	System updates third party integration software automatically at specified intervals. Describe proposed method to update from ancillary systems.		
2.6	System runs on a SQL Server 2005 database.		
2.7	System runs on Microsoft XP and Vista Operation Systems.		
2.8	System utilizes the latest Adobe Reader or Visio Viewer for viewing linked documents in their native format.		
2.9	System utilizes ArcGIS 9.2 for mapping.		
2.10	System provides method to easily back up data for emergency response/data integrity. Describe method.		
2.11	System provides method to normalize database and set up format requirements for consistent data entry.		
2.12	System provides method to save previous searches.		
2.13	System provides method to search by key word on any map contents or labels. (ex: hazardous materials or store name in a shopping mall)		
2.14	System utilizes an open database structure with data dictionary for external reporting services.		
2.15	System has ability to export information to Excel.		
2.16	System provides GIS map refresh within 3 seconds over a wireless card.		
2.17	System provides method of storing large items locally to enhance response time. Describe this method and which items can be stored in this way.		
2.18	System provides method to transfer a subset of the information to a memory stick for transfer to other vehicles or third parties. Describe this functionality.		



## PART 3 – APPENDICES

### Current System Vendor Information

<i>Police Dispatch/CAD software</i>	ICS IBRS Police RMS, ICS CAD ICS Mobile by Integrated Computer Systems, McKinney, TX
<i>Fire Records Management software</i>	Firehouse Software Urbandale, IO
<i>GIS software</i>	ArcGIS 9.2, ArcGISServer 9.2 by ESRI Redlands, CA
<i>Content Management software</i>	Microsoft SharePoint 2007
<i>Preferred Database</i>	SQL Server 2005

### Terminology

**Automatic Vehicle Location (AVL)** - AVL is a means of determining the geographic location of a vehicle and transmitting this information to a mapping interface for a real-time view of vehicle locations. An AVL system typically consists of a GPS receiver on the vehicle, a communications link between the vehicle and the dispatcher, and pc-based tracking software for dispatch.

**Code/Ordinances** - The City of Frisco adheres to the International Fire Code, a set of rules regarding fire prevention in the city. See link for more information.  
[http://www.frisco.texas.gov/uploadedFiles/Departments/Fire/Fire\\_Marshal/International\\_Fire\\_Code.pdf](http://www.frisco.texas.gov/uploadedFiles/Departments/Fire/Fire_Marshal/International_Fire_Code.pdf)

**Global Positioning System (GPS)** - GPS is a satellite based navigation system that can be used to gather accurate location information.

**Inspection** - The Fire Department is required by law to inspect commercial properties and schools two times per year. They issue a permit for a site that certifies that their fire prevention equipment passes code.

**Oblique** - Oblique is the technical term used to describe an aerial photograph that is taken at an angle. This means that a feature, such as a house, building, street light, fire hydrant etc. can be seen in its entirety. For instance with Pictometry, you can see the front door of a house, the back door, the windows etc.

**Pictometry** - Pictometry is the world's largest digital, oblique aerial photography company. The company develops and markets a sophisticated, integrated information system that allows users to have high-resolution images of neighborhoods, landmarks, roads, and complete municipalities from multiple views at the click of a mouse.

**Pre-Plan** - A document used by fire professionals to serve as a tactical guide in emergencies at a given site. It is usually completed upon first inspection of a building and includes such information as location type, roof composition, sprinkler types, fire alarm panel location, hydrant locations and roof/attic access. It usually includes a floor plan of the site.

**Exhibit B: Public Safety Map Project Expense Estimate**

<b>Project Cost by Year 2007-2011</b>	<b>Implementation Costs</b>		<b>Ongoing Costs</b>	
	<i>2007-2008</i>	<i>2008-2009</i>	<i>2009-2010</i>	<i>2010 -2011</i>
	<b>FY08</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>
Hardware and Software	\$67,000	\$258,640	\$0	\$0
Hardware and Software Maintenance	\$0	\$0	\$46,579	\$46,579
Personnel	\$42,000	\$73,500	\$77,175	\$81,034
<b>Total</b>	<b>\$109,000</b>	<b>\$332,140</b>	<b>\$123,754</b>	<b>\$127,613</b>

<b>Implementation Cost Summary 2007-2009</b>	<b>Total</b>
HWSW Implementation	\$325,640
Personnel Implementation	\$115,500
<b>Total Implementation</b>	<b>\$441,140</b>
Funding from Fisd	-\$440,000
Amount to be absorbed by City or Project	\$1,140

## Tim Yarbrough

---

**From:** Courtney Kuykendall [ckuykendall@ABERNATHY-LAW.com]  
**Sent:** Tuesday, August 12, 2008 8:29 AM  
**To:** Tim Yarbrough  
**Cc:** Bettye Cravens; Richard Abernathy; Ron Patterson  
**Subject:** RE: ILA Frisco/Frisco ISD Public Safety Pre-Plan Project

Tim,

Thank you for your email yesterday clarifying the status of the ILA. We have reviewed the Frisco/Frisco ISD Pre Plan ILA and approve as to form. Upon execution by the City, please send us an executed copy for our file.

Let me know if you need anything else.

Thank you,  
Courtney

This email is covered by the Electronic Communications Privacy Act, 18 U.S.C., Sections 2510-2521, and is legally privileged. Unauthorized review, use, disclosure or distribution is strictly prohibited. This email may also be subject to the attorney-client privilege or the attorney work product privilege or be otherwise confidential. If the reader of this message is not the intended recipient or an employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or reproduction of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately at 214-544-4000 and discard the original message and any attachment(s). Thank you for your cooperation. IRS Circular 230 regulates written communication about federal tax matters between tax advisors and their clients. The statements contained herein are not intended to and do not constitute an opinion as to any tax or other matter. They are not intended or written to be used, and may not be relied upon, by you or any other person for the purpose of avoiding penalties that may be imposed under Federal Tax Law or otherwise, or to promote, market, or recommend to another party any transaction or matter addressed herein. Any subsequent reader should seek advice from an independent tax advisor with respect to the transaction or matters addressed herein based on the reader's particular circumstances.

---

**From:** Tim Yarbrough [mailto:TYarbrough@friscotexas.gov]  
**Sent:** Monday, August 11, 2008 5:26 PM  
**To:** Courtney Kuykendall  
**Cc:** Bettye Cravens; Richard Abernathy; Ron Patterson  
**Subject:** RE: ILA Frisco/Frisco ISD Public Safety Pre-Plan Project  
**Importance:** High

Courtney,

I have attached a signed ILA from Frisco ISD. There were not any changes made to the document after you reviewed. Can you please send me back an email stating you have reviewed this document so I can proceed with taking it to council.

Thank you.

### Tim Yarbrough

Enterprise Technology Manager  
Information Technology Department  
City of Frisco, Texas  
6101 Frisco Square Blvd.  
Frisco, TX 75034  
☎ 972-292-5178 Direct  
✉ [tyarbrough@friscotexas.gov](mailto:tyarbrough@friscotexas.gov)